CBCS SCHEME

USN ☐☐☐☐☐☐☐☐☐☐   **OMCA104**

First Semester MCA Online Degree Examination February / March 2024

Programming using C

Time: 3 Hours   **Max. Marks: 70**

Note: 1. Answer all questions in Section - A
2. Answer any *five* full questions from Q1 to Q8 in Section - B
3. M: Marks, L: Bloom's Level, CO: Course Outcomes

Questions		Section – A (20 x 1 = 20 Marks)	M	L	CO
		MODULE - 1			
1.		Which of these is NOT a relational or logical operator?	1	1	1
	a.	=			
	b.	||			
	c.	&			
	d.	None			
2.		Which of the following is not a valid C variable name?	1	2	1
	a.	int number;			
	b.	float rate;			
	c.	int var_count;			
	d.	int $main;			
3.		All keywords in C are in _____	1	2	2
	a.	LowerCase letters			
	b.	UpperCase letters			
	c.	CamelCase letters			
	d.	None of the above			
4.		The C-preprocessors are specified with _____ symbol.?	1	2	2
	a.	#			
	b.	$			
	c.	&			
	d.	" "			
5.		scanf() is a predefined function in_____header file.?	1	2	3
	a.	stdlib. h			
	b.	ctype. h			
	c.	stdio. H			

	d.	stdarg. H			

6.		printf() is a predefined function in_____header file.	1	2	3
	a.	stdlib. h			
	b.	ctype. h			
	c.	stdio. h			
	d.	stdarg. H			
7.		Size of operator is a _____operator?	1	2	3
	a.	Unary			
	b.	Airthmentic			
	c.	Relational			
	d.	Logical			
8.		representation of /*……………………………..*/ is _____	1	2	3
	a.	Comment line			
	b.	Preprocessor Directive			
	c.	Main Function declaration			
	d.	Varibale Declaration			
9.		a>b is which type of expression?	1	1	3
	a.	Airthmetic			
	b.	Relational			
	c.	Logical			
	d.	None			
10.		int z= x+y is which type of expression	1	2	3
	a.	Airthmetic			
	b.	Relational			
	c.	Logical			
	d.	None			
11.		stdin This file is used to	1	2	3
	a.	send the output			
	b.	display			
	c.	receive the input			
	d.	None			
12.		Each statement in a C program should end with.?	1	2	3
	a.	Semicolon ;			
	b.	Colon :			

Name & Signature of the Expert:

			1	2	4
	c.	Period . (dot symbol)			
	d.	None			

			1	2	4
13.		The continue statement cannot be used with	1	2	4
	a.	For			
	b.	while			
	c.	do-while			
	d.	None			
14.		Which loop is guaranteed to execute at least one time?	1	2	4
	a.	For			
	b.	while			
	c.	do-while			
	d.	None			
15.		Which among the following is a unconditional control structure.	1	2	5
	a.	Goto			
	b.	for			
	c.	while			
	d.	if-else			
16.		The first expression in a for… loop is	1	3	5
	a.	Step value of loop			
	b.	Value of the counter variable			
	c.	Condition statement			
	d.	None of the above			
17.		What is an example of iteration in C?	1	2	5
	a.	For			
	b.	while			
	c.	do-while			
	d.	None of the above			
18.		Loops in C Language are implemented using.?	1	2	5
	a.	While block			
	b.	do-while block			
	c.	for block			
	d.	All the above			

19.		What is the way to suddenly come out of or Quit any Loop in C Language.?	1	2	5
	a.	continue; statement			
	b.	break; statement			
	c.	leave; statement			
	d.	quit; statement			

20.		What is alternate name of conditional operator?	1	2	5
	a.	Comparison operator			
	b.	If-else Operator			
	c.	Binary operator			
	d.	Ternary operator			
		Module – 1 **Section – B (5 x 10 = 50 Marks)**			
1.		Explain Different Conditional Statements with an example	10	1	1
2.		Explain the structure of the C Program	10	1	1
3.		Explain the different iterative statements with an example	10	2	2
4.		Explain Array with an example	10	2	3
5		Discuss different jump statements and Switch Statement with an example?	10	2	3
6		Define Function? Explain its syntax with an example?	10	2	2
7		Define string. Discuss its operations with an example?	10	2	3
8		Define structure? Explain briefly with syntax and example?	10	2	3